

Ag. Waste Application and Excavated Ponds
Corson County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
An: Arnegard-----	90	Not limited		Very limited Deep to water	1.00
Bb: Badland-----	85	Not rated		Not rated	
Bd: Banks-----	85	Very limited Ponding Filtering capacity Flooding Leaching limitation Droughty	1.00 1.00 0.60 0.45 0.15	Very limited Deep to water	1.00
BeA: Belfield-----	55	Very limited Restricted permeability Sodium content	1.00 0.82	Very limited Deep to water	1.00
Daglum-----	25	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
BfA: Bryant-----	90	Not limited		Very limited Deep to water	1.00
BfB: Bryant-----	90	Not limited		Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BgB: Bryant-----	60	Not limited		Very limited Deep to water	1.00
Sutley-----	30	Not limited		Very limited Deep to water	1.00
BgC: Bryant-----	60	Not limited		Very limited Deep to water	1.00
Sutley-----	30	Not limited		Very limited Deep to water	1.00
BlA: Bullcreek-----	90	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
BmA: Bullcreek-----	55	Very limited Restricted permeability Sodium content Salinity Runoff limitation	1.00 1.00 0.50 0.40	Very limited Deep to water	1.00
Slickspots, Dry-----	35	Not rated		Not rated	
BnA: Bullock-----	90	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BrB: Bullock-----	45	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Parchin-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
BsB: Bullock-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Parchin-----	30	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
Slickspots, Dry-----	15	Not rated		Not rated	
BuB: Bullock-----	55	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Slickspots, Dry-----	30	Not rated		Not rated	
BvE: Bullock-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Slickspots, Dry-----	30	Not rated		Not rated	
Rock Outcrop, Soft--	25	Not rated		Not rated	
BzB: Bullock-----	40	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Telfer-----	30	Not Rated Not Rated Filtering capacity Leaching limitation Droughty	1.00 0.45 0.14	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Parchin-----	20	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
CaF: Cabba-----	55	Very limited Slope Depth to bedrock Droughty Low adsorption Runoff limitation	1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
Amor-----	25	Very limited Slope Droughty Depth to bedrock	1.00 0.84 0.42	Very limited Deep to water	1.00
CbD: Cabba-----	50	Very limited Depth to bedrock Droughty Slope Low adsorption Runoff limitation	1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
Reeder-----	25	Somewhat limited Depth to bedrock Slope Droughty	0.42 0.37 0.13	Very limited Deep to water	1.00
CeE: Cabba-----	50	Very limited Slope Depth to bedrock Droughty Low adsorption Runoff limitation	1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
Shambo-----	25	Very limited Slope	1.00	Very limited Deep to water	1.00
CgF: Cohagen-----	40	Very limited Slope Depth to bedrock Droughty Low adsorption	1.00 1.00 1.00 0.01	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Cabba-----	30	Very limited Slope Depth to bedrock Droughty Low adsorption Runoff limitation	 1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	 1.00
Rock Outcrop, Soft--	20	Not rated		Not rated	
CvD: Cohagen-----	55	Very limited Depth to bedrock Droughty Slope Low adsorption	 1.00 1.00 1.00 0.01	Very limited Deep to water	 1.00
Vebar-----	30	Somewhat limited Depth to bedrock Droughty	 0.42 0.29	Very limited Deep to water	 1.00
DaA: Daglun-----	85	Very limited Restricted permeability Sodium content Runoff limitation Salinity	 1.00 1.00 0.40 0.01	Very limited Deep to water	 1.00
DuD: Dupree-----	65	Very limited Restricted permeability Depth to bedrock Droughty Slope Runoff limitation	 1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	 1.00
Rock Outcrop, Soft--	25	Not rated		Not rated	

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
EkA: Ekalaka-----	90	Very limited Restricted permeability Sodium content Droughty Salinity	1.00 0.82 0.02 0.01	Very limited Deep to water	1.00
EpB: Ekalaka-----	55	Very limited Restricted permeability Sodium content Droughty Salinity	1.00 0.82 0.02 0.01	Very limited Deep to water	1.00
Parshall-----	30	Not limited		Very limited Deep to water	1.00
EvB: Evridge-----	90	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.88 0.42	Very limited Deep to water	1.00
EwB: Evridge-----	50	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.88 0.42	Very limited Deep to water	1.00
Bullock-----	40	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
ExB: Evridge-----	50	Very limited Restricted permeability Droughty Depth to bedrock	1.00 0.88 0.42	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Parchin-----	30	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
FaA: Farnuf-----	90	Not limited		Very limited Deep to water	1.00
FaB: Farnuf-----	90	Not limited		Very limited Deep to water	1.00
FrF: Flasher-----	60	Very limited Slope Depth to bedrock Droughty Filtering capacity Low adsorption	1.00 1.00 1.00 1.00 0.33	Very limited Deep to water	1.00
Rock Outcrop, Soft--	30	Not rated		Not rated	
FtF: Flasher-----	50	Very limited Slope Depth to bedrock Droughty Filtering capacity Low adsorption	1.00 1.00 1.00 1.00 0.33	Very limited Deep to water	1.00
Telfer-----	40	Not Rated Not Rated Slope Filtering capacity Leaching limitation Droughty	1.00 1.00 0.45 0.14	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ge: Glenross-----	90	Very limited Restricted permeability Depth to saturated zone Sodium content Filtering capacity Salinity	1.00 1.00 1.00 1.00 0.78	Very limited Cutbanks cave Salty water	1.00 0.78
Gk: Glenross-----	55	Very limited Restricted permeability Depth to saturated zone Sodium content Filtering capacity Salinity	1.00 1.00 1.00 1.00 0.78	Very limited Cutbanks cave Salty water	1.00 0.78
Ekalaka-----	35	Very limited Restricted permeability Sodium content Droughty Salinity	1.00 0.82 0.02 0.01	Very limited Deep to water	1.00
Gr: Grail-----	90	Somewhat limited Restricted permeability	0.89	Very limited Deep to water	1.00
Gs: Grassna-----	90	Not limited		Very limited Deep to water	1.00
Hd: Harriet-----	90	Very limited Restricted permeability Depth to saturated zone Sodium content Flooding Salinity	1.00 1.00 1.00 0.60 0.50	Somewhat limited Salty water Slow refill Cutbanks cave	0.50 0.30 0.10
Hf: Havrelon-----	85	Not limited		Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Hg: Havrelon-----	90	Very limited Flooding	1.00	Very limited Deep to water	1.00
Hn: Havrelon-----	90	Not limited		Very limited Deep to water	1.00
HrA: Havrelon-----	55	Not limited		Very limited Deep to water	1.00
Rhoades-----	30	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.35	Very limited Deep to water	1.00
Hs: Heil-----	90	Very limited Restricted permeability Depth to saturated zone Ponding Salinity Runoff limitation	1.00 1.00 1.00 0.50 0.40	Somewhat limited Salty water Slow refill Cutbanks cave	0.50 0.30 0.10
HuB: Hurley-----	85	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 1.00 0.50 0.42	Very limited Deep to water	1.00
HwA: Hurley-----	50	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 1.00 0.50 0.42	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Slickspots, Dry-----	25	Not rated		Not rated	
Ka: Korchea-----	85	Not limited		Very limited Deep to water	1.00
Kc: Korchea-----	85	Very limited Flooding	1.00	Very limited Deep to water	1.00
La: Lallie-----	90	Very limited Restricted permeability	1.00	Very limited Slow refill	1.00
		Depth to saturated zone	1.00	Salty water	0.50
		Ponding	1.00	Cutbanks cave	0.10
		Flooding	0.60		
		Salinity	0.50		
LeA: Lehr-----	90	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
		Droughty	0.46		
LeB: Lehr-----	90	Very limited Filtering capacity	1.00	Very limited Deep to water	1.00
		Droughty	0.46		
Mc: Mckenzie-----	90	Very limited Restricted permeability	1.00	Very limited Slow refill	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10
		Ponding	1.00	Salty water	0.01
		Runoff limitation	0.40		
		Salinity	0.01		

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
OaB: Opal-----	90	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 0.97 0.42 0.40 0.02	Very limited Deep to water	1.00
OaC: Opal-----	90	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 0.97 0.42 0.40 0.02	Very limited Deep to water	1.00
OdC: Opal-----	55	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 0.97 0.42 0.40 0.02	Very limited Deep to water	1.00
Dupree-----	30	Very limited Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
OhB: Opal-----	55	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Sodium content	1.00 0.97 0.42 0.40 0.02	Very limited Deep to water	1.00
Hurley-----	30	Very limited Restricted permeability Sodium content Droughty Salinity Depth to bedrock	1.00 1.00 1.00 0.50 0.42	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
OsC: Opal-----	55	Very limited Restricted permeability Droughty Depth to bedrock Runoff limitation Slope	1.00 0.97 0.42 0.40 0.37	Very limited Deep to water	1.00
Sansarc-----	30	Very limited Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
PaB: Parchin-----	85	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
PdD: Parchin-----	35	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 0.99 0.42 0.40	Very limited Deep to water	1.00
Bullock-----	25	Very limited Restricted permeability Sodium content Droughty Depth to bedrock Runoff limitation	1.00 1.00 1.00 0.42 0.40	Very limited Deep to water	1.00
Cabba-----	25	Very limited Depth to bedrock Droughty Slope Low adsorption Runoff limitation	1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
PeA: Parshall-----	85	Not limited		Very limited Deep to water	1.00
Pg: Orthents, Gravelly--	95	Very limited Slope Filtering capacity Droughty Leaching limitation	1.00 1.00 0.71 0.45	Very limited Deep to water	1.00
PrA: Promise-----	90	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.02	Very limited Deep to water	1.00
PrB: Promise-----	90	Very limited Restricted permeability Runoff limitation Sodium content	1.00 0.40 0.02	Very limited Deep to water	1.00
RaA: Reeder-----	90	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00
RaB: Reeder-----	90	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00
RaC: Reeder-----	85	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00
RcB: Reeder-----	60	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Cabba-----	30	Very limited Depth to bedrock Droughty Low adsorption Runoff limitation	1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
RcC: Reeder-----	60	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00
Cabba-----	30	Very limited Depth to bedrock Droughty Low adsorption Runoff limitation	1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
RhB: Reeder-----	60	Somewhat limited Depth to bedrock Droughty	0.42 0.13	Very limited Deep to water	1.00
Rhoades-----	30	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00
RnA: Regent-----	85	Very limited Restricted permeability Depth to bedrock Droughty Salinity	1.00 0.42 0.01 0.01	Very limited Deep to water	1.00
RnB: Regent-----	85	Very limited Restricted permeability Depth to bedrock Droughty Salinity	1.00 0.42 0.01 0.01	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
RpC: Regent-----	50	Very limited Restricted permeability Depth to bedrock Droughty Salinity	1.00 0.42 0.01 0.01	Very limited Deep to water	1.00
Wayden-----	35	Very limited Depth to bedrock Droughty Slope Runoff limitation Restricted permeability	1.00 1.00 0.63 0.40 0.30	Very limited Deep to water	1.00
RrA: Rhoades-----	90	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00
RsB: Rhoades-----	50	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00
Daglum-----	35	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
RtB: Rhoades-----	40	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Daglum-----	30	Very limited Restricted permeability Sodium content Runoff limitation Salinity	1.00 1.00 0.40 0.01	Very limited Deep to water	1.00
Slickspots, Dry-----	15	Not rated		Not rated	
RuB: Rhoades-----	50	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00
Slickspots, Dry-----	30	Not rated		Not rated	
RvE: Rhoades-----	40	Very limited Restricted permeability Sodium content Droughty Runoff limitation Salinity	1.00 1.00 0.45 0.40 0.35	Very limited Deep to water	1.00
Slickspots, Dry-----	30	Not rated		Not rated	
Rock Outcrop, Soft--	20	Not rated		Not rated	

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
RzF: Rock Outcrop, Soft--	65	Not rated		Not rated	
Cabba-----	25	Very limited Slope Depth to bedrock Droughty Low adsorption Runoff limitation	 1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
SbE: Sansarc-----	60	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	 1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Opal-----	30	Very limited Restricted permeability Slope Droughty Depth to bedrock Runoff limitation	 1.00 1.00 0.97 0.42 0.40	Very limited Deep to water	1.00
SdD: Sansarc-----	40	Very limited Restricted permeability Depth to bedrock Droughty Slope Runoff limitation	 1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Opal-----	30	Very limited Restricted permeability Slope Droughty Depth to bedrock Runoff limitation	 1.00 1.00 0.97 0.42 0.40	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Dupree-----	20	Very limited Restricted permeability Depth to bedrock Droughty Slope Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
SeE: Sansarc-----	55	Very limited Slope Restricted permeability Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 1.00 0.40	Very limited Deep to water	1.00
Wabek-----	35	Very limited Slope Filtering capacity Droughty Leaching limitation	1.00 1.00 1.00 0.45	Very limited Deep to water	1.00
SgA: Savage-----	85	Somewhat limited Restricted permeability	0.89	Very limited Deep to water	1.00
SgB: Savage-----	85	Somewhat limited Restricted permeability	0.89	Very limited Deep to water	1.00
ShA: Shambo-----	90	Not limited		Very limited Deep to water	1.00
ShB: Shambo-----	90	Not limited		Very limited Deep to water	1.00
ShC: Shambo-----	90	Not limited		Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
StA: Stady-----	85	Very limited Filtering capacity Depth to dense layer Droughty	1.00 1.00 0.09	Very limited Deep to water	1.00
StB: Stady-----	85	Very limited Filtering capacity Depth to dense layer Droughty	1.00 1.00 0.09	Very limited Deep to water	1.00
TaA: Tally-----	90	Not limited		Very limited Deep to water	1.00
TdA: Telfer-----	87	Not Rated Not Rated Filtering capacity Leaching limitation Droughty	1.00 0.45 0.14	Very limited Deep to water	1.00
TeB: Telfer-----	55	Not Rated Not Rated Filtering capacity Leaching limitation Droughty	1.00 0.45 0.14	Very limited Deep to water	1.00
Ekalaka-----	35	Very limited Restricted permeability Sodium content Droughty Salinity	1.00 0.82 0.02 0.01	Very limited Deep to water	1.00
Th: Trembles-----	90	Not limited		Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Tm: Trembles-----	90	Somewhat limited Flooding	0.60	Very limited Deep to water	1.00
Tt: Trembles-----	90	Not limited		Very limited Deep to water	1.00
VeA: Vebar-----	85	Somewhat limited Depth to bedrock Droughty	0.42 0.29	Very limited Deep to water	1.00
VeB: Vebar-----	85	Somewhat limited Depth to bedrock Droughty	0.42 0.29	Very limited Deep to water	1.00
VhB: Vebar-----	55	Somewhat limited Depth to bedrock Droughty	0.42 0.29	Very limited Deep to water	1.00
Cohagen-----	30	Very limited Depth to bedrock Droughty Low adsorption	1.00 1.00 0.01	Very limited Deep to water	1.00
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated	
wa: Water (greater Than 40 Acres)-----	100	Not Rated Not Rated Slope Low adsorption	1.00 1.00	Very limited Deep to water	1.00
WaD: Wabek-----	85	Very limited Filtering capacity Droughty Slope Leaching limitation	1.00 1.00 1.00 0.45	Very limited Deep to water	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
WcE: Wayden-----	50	Very limited Depth to bedrock Droughty Slope Runoff limitation Restricted permeability	1.00 1.00 1.00 0.40 0.30	Very limited Deep to water	1.00
Cabba-----	30	Very limited Depth to bedrock Droughty Slope Low adsorption Runoff limitation	1.00 1.00 1.00 0.72 0.40	Very limited Deep to water	1.00
WdE: Cabba-----	45	Very limited Slope Depth to bedrock Droughty Large stones on the surface Low adsorption	1.00 1.00 1.00 1.00 0.73	Very limited Deep to water	1.00
Wayden-----	45	Very limited Restricted permeability Depth to bedrock Droughty Slope Cobble content	1.00 1.00 1.00 1.00 0.98	Very limited Deep to water	1.00
Wt: Wendte-----	90	Very limited Restricted permeability Flooding Runoff limitation	1.00 0.60 0.40	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.90 0.10
ZeB: Zeona-----	85	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.23	Very limited Deep to water	1.00

Ag. Waste Application and Excavated Ponds -- continued
Corson County, South Dakota

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ZsD: Zeona-----	50	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.23	Very limited Deep to water	1.00
Slickspots, Dry-----	20	Not rated		Not rated	
Rock Outcrop, Soft--	15	Not rated		Not rated	

